PTO/SB/01 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Attorney Docket Numb	per 3219/5
DECLARATION FOR UTILITY OR DESIGN	First Named Inventor	Julie Dyall
70	COMPLET	TE IF KNOWN
	pplication Number	unassigned
Declaration Declaration	Filing Date	01/29/2002
Submitted OR Submitted after Initial Filing (surcharge	Art Unit u	ınassigned
Filing (37 CFR 1.16 (e)) required)	Examiner Name	unassigned

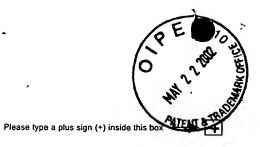
7 111119	required)	Examiner Name					
As the below named inventor, I hereby declare that:							
My residence, mailing address, and c	itizenship are as stated belo	w next to my name.					
I believe I am the original and first inv	entor of the subject matter w	hich is claimed and for which	ch a patent is soug	ht on the invention entitled:			
MULTIPLE VIRAL REPLICON CULTURE SYSTEMS							
	(Title of the Ir	nvention)					
the specification of which is attached hereto							
OR  was filed on (MM/DD/YYYY)  01/29/2002  as United States Application Number or PCT International							
Application Number	Application Number and was amended on (MM/DD/YYYY) (if applicable).						
I hereby state that I have reviewed an any amendment specifically referred to		f the above identified speci	fication, including t	he claims, as amended by			
I acknowledge the duty to disclose info applications, material information whice international filing date of the continua	h became available betweer						
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.							
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO			
Additional foreign application nu	mbers are listed on a supple	mental priority data sheet f	PTO/SB/02B attach	ned hereto:			

PTO/SB/01 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

# **DECLARATION** — Utility or Design Patent Application

Direct all correspondence to: Customer Number or Bar Code Label		OR Corr	respondence address below			
Name Elie H. Gendloff						
Address Amster, Rothstein & Ebenste	ein, 90 Park Av	enue				
New York	Stat	New York	<sub>ZIP</sub> 10016			
USA Country Tele	212-697	-5995	Fax 212-286-0854			
I hereby declare that all statements made herein of my ovare believed to be true; and further that these statement made are punishable by fine or imprisonment, or both, unvalidity of the application or any patent issued thereon.	s were made with the k	nowledge that willful false	statements and the like so			
NAME OF SOLE OR FIRST INVENTOR :	A petition has be	een filed for this unsign	ned inventor			
Given Name  Julie  (first and middle [if any])  Family Name Dyall  or Surname						
Inventor's Julie 7 jull  Signature  Date 3.1.07						
Residence: City Chesterfield State Missouri Country USA Citizenship USA						
Mailing Address 15680 Quail Meadows Drive						
<sub>City</sub> Chesterfield	<sub>State</sub> Missouri	zip 63017	Country USA			
NAME OF SECOND INVENTOR:	A petition has bee	n filed for this unsigne	ed inventor			
Given Name (first and middle [if any]) Charles P.		ly Name Romano				
Inventor's Signature Clark P. Manant Date 3/1/12						
Residence: City Chesterfield	<sub>State</sub> Missouri	country USA	Citizenship USA			
Mailing Address 1823 Stenton Path						
<sub>city</sub> Chesterfield	<sub>State</sub> Missouri	zip 63005	Country USA			
Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.						



Docket No. 3219/5

PTO/SB/02A (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

### **DECLARATION**

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 1\_ of 1\_

Name of Additional Joint Inventor, if ar	A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Na	ame or	Surname
Paul D.			Oli	vo		
Inventor's Signature Paul D. Ulin						Date 3/1/02
Residence: City St. Louis	, , ,			Citizenship USA		
Mailing Address 639 West Polo Drive						
Mailing Address						
City St. Louis	State	Misso	uri	ZIP 63105	Count	try USA
Name of Additional Joint Inventor, if any:					nis unsigned inventor	
Given Name (first and middle [if any])			Family Name or Sumame			
Robert M. Roth						
Inventor's Signature AMA Auto Date 3/1/05					Date 3/1/05	
Residence: City St. Louis	State	Missou	ıri	Country USA		Citizenship USA
Mailing Address 2735 Chalet Forest Drive						
Mailing Address						
City St. Louis	State	Misso	ouri	ZIP 63129	Cou	untry USA
Name of Additional Joint Inventor, if ar				A petition has been file		
Given Name (first and middle [if any])	)		Family Name or Surname			or Sumame
				,		
Inventor's Signature Date					Date	
Residence: City	State			Country		Citizenship
Mailing Address						
Mailing Address						
City	State			ZIP	C	ountry

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box	<b>→</b> +
oder the Panenwork Reduction Act of 1995 on Days	E

Approved for use through 10/31/2002. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
delight to respond to a collection of information unless it display a valid OMB control number.

# Application Number unassigned Filing Date January 29, 2002 First Named Inventor Julie Dyall Title Multiple Viral Replicon Culture Systems Group Art Unit unassigned Examiner Name unassigned Attorney Docket Number 3219/5

I hereby appoint:							
Practitioners  OR	at Customer Numb	er			Place Customer Number Bar Code Label here		
	named below:						
	Name	Registration No.	N	ame	Registration No.		
Morton Ams Craig Arnolo Michael J. B Daniel Eber Kenneth P. Philip H. Go	erger stein George	16,677 Abraham Kasdan 32,997 34,287 Anthony F. Lo Cicero 29,403 Ira E. Silfin 33,785 1 24,932 Neil M. Zipkin 27,476 Ige 30,259 Elie H. Gendloff 44,704					
as my/our attorney(s business in the Unit					d to transact all		
OR	orrespondence add tioned Customer N Customer Number	lumber.	e-identified	Plac Nun	se Customer nber Bar Code el here		
Firm or Individual Name							
Address	AMSTER, RO	AMSTER, ROTHSTEIN & EBENSTEIN					
Address	90 Park Aven	ue		1			
City	New York		State	New York	Zip   10016		
Country	U.S.A.						
Telephone	212-697-5995		Fax	212-286-085	4		
	entor. ecord of the entire oder 37 CFR 3.73(b			/96).			
	SIGNATUR	E of Applicant or	Assignee of	Record			
Name	Julie Dyall						
Signature	meli Dr	ull					
Date	3.1.02						
NOTE: Signatures of all the i forms if more than one signa	nventors or assignees of	of record of the entire	interest or their	representative(s	are required. Submit multiple		
☑ *Total of4	_forms are submitted.						



Please type a plus sign (+) inside this box

PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it display a valid OMB control number.

### **POWER OF ATTORNEY OR AUTHORIZATION OF AGENT**

Application Number	unassigned
Filing Date	January 29, 2002
First Named Inventor	Julie Dyall
Title	Multiple Viral Replicon Culture Systems
Group Art Unit	unassigned
Examiner Name	unassigned
Attorney Docket Number	3219/5

OR	d	Registration No. 16,677 34,287 25,829	N Abraham Kase Anthony F. Lo Ira E. Silfin	ame	Place Cus Number E Label hero Registr 32,997 29,403 33,785	Bar Code
Daniel Ebenstein 24,932 Neil M. Zipkin 27,476 Kenneth P. George 30,259 Elie H. Gendloff 44,704  as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.						act all
Please change the of the above-med or	correspondence add ntioned Customer N Customer Number	ress for the abov umber.		Plac	e Custome ber Bar Co el here	1
Firm or Individual Name	Elie H. Gendlo	Elie H. Gendloff				
Address	AMSTER, RO	THSTEIN & EBE	NSTEIN			
Address	90 Park Avenu	90 Park Avenue				
City	New York		State	New York	Zip	10016
Country	U.S.A.			240 000 005		
Telephone	212-697-5995		Fax	<u>212-286-085</u> 4	<b>}</b>	
I am the:  ✓ Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).						
	SIGNATURI	E of Applicant or A	Assignee of I	Record		
Name	harles P. Romano					
Signature / / / / / / / / / / / / / / / / / / /						
Date	3	1/02				
NOTE: Signatures of all the forms if more than one signa			interest or their	representative(s	) are requi	red. Submit multiple
☑ *Total of4	forms are submitted.					

Please type a plus sign (+) inside this box

PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it display a valid OMB control number.

### **POWER OF ATTORNEY OR AUTHORIZATION OF AGENT**

Application Number	unassigned
Filing Date	January 29, 2002
First Named Inventor	Julie Dyall
Title	Multiple Viral Replicon Culture Systems
Group Art Unit	unassigned
Examiner Name	unassigned
Attorney Docket Number	3219/5

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.					
Please change the correspondence address for the above-identified application to:  The above-mentioned Customer Number.  OR Practitioners at Customer Number  OR  OR					
Firm or Individual Name	Elie H. Gendloff				
Address AMSTER, ROTHSTEIN & EBENSTEIN	AMSTER, ROTHSTEIN & EBENSTEIN				
Address 90 Park Avenue					
City New York State New York Zip 10016					
Country U.S.A.					
Telephone 212-697-5995 Fax 212-286-0854					
l am the:  ✓ Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).					
SIGNATURE of Applicant or Assignee of Record					
Name Paul D. Olivo					
Signature Paul D. Oli-	D 10 11 -				
Date 3/1/62	3/1/02				
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multip forms if more than one signature is required, see below*.	le				
☑ *Total offorms are submitted.					



Please type a plus sign (+) inside this box

PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it display a valid OMB control number.

## **POWER OF ATTORNEY OR AUTHORIZATION OF AGENT**

Application Number	unassigned
Filing Date	January 29, 2002
First Named Inventor	Julie Dyall
Title	Multiple Viral Replicon Culture Systems
Group Art Unit	unassigned
Examiner Name	unassigned
Attorney Docket Number	3219/5

I hereby appoint:						
☐ Practitioners at  OR  ✓ Practitioner(s) na	Customer Numb	er		<b>─</b>	Place Customer Number Bar Code Label here	
	lame	Registration No.	١	lame	Registration No.	
Morton Amster Craig Arnold Michael J. Berg Daniel Ebenstei Kenneth P. Geo Philip H. Gottfri	16,677 Abraham Kasdan 32,997 34,287 Anthony F. Lo Cicero 29,403 ger 25,829 Ira E. Silfin 33,785 ein 24,932 Neil M. Zipkin 27,476 eorge 30,259 Elie H. Gendloff 44,704					
as my/our attorney(s) o business in the United	r agent(s) to pro States Patent an	secute the applicated and the secute the secure the secure the secure the secute the secure the sec	ation identif ce connecte	ied above, and ed therewith.	to transact all	
Please change the correspondence address for the above-identified application to:  The above-mentioned Customer Number.  OR  Practitioners at Customer Number  DR  Place Customer Number Bar Code Label here						
Firm or Individual Name	IVI FILE H GENDLOTT					
Address	AMSTER, ROT	HSTEIN & EBEN	ISTEIN			
Address	90 Park Avenu	ie				
City	New York		State	New York	Zip 10016	
Country	U.S.A.					
Telephone	212-697-5995		Fax	212-286-0854		
I am the:  Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).						
SIGNATURE of Applicant or Assignee of Record						
Name Robert M. Roth						
Signature MM MM						
Date 3/11/12						
NOTE: Signatures of all the inventorms if more than one signature is	tors or assignees of s required, see below	record of the entire in	terest or their	representative(s)	are required. Submit multiple	
☑ *Total of 4 for	ms are submitted.					

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.